

The Challenge

The customer had redesigned the online portal designed to support a popular television program, and prior to the first broadcast of the new season, the website had to be proven to support 75,000 visitors over a period of one hour after the program was broadcasted on television.

The customer had no prior performance test expertise and no budget for performance tools. In spite of this, they needed to:

- ★ Performance test the website for 75,000 users using open source tools
- ★ Execute these tests within the home office of the testing company, rather than onsite with the client

The Solution

Tescom's team of performance test consultants worked out of the Tescom Performance Test Lab in the local Tescom office to select the appropriate open source tool for performance and load testing the website.

Tescom followed an Agile approach to performance testing. This consisted of a short requirements analysis exercise followed by an expedited scripting phase, test execution and software "fix" phase.

By running multiple test execution and fix cycles, the optimised test scripts pinpointed several performance issues.

The Result

By using Radview WebLoad the site was proven to withstand the required user load with no additional expenditure on performance tools.

Based on Tescom's detailed reports, the customer also implemented further recommendations to improve the site's performance, including reduced image file sizes and optimized Cascading Style Sheets.

The client was reassured that the website would not crash, which further ensured that they would be protected from the liability of agent fees for those advertising real estate properties on the portal.

The Customer

The customer represents a joint venture between an award-winning media company and a web development company. The media customer broadcasts a large number of popular programs.

The project's online portal is dedicated to a popular television program. The site offers news, features, vacation and holiday properties for sale, advice, forums and exclusive news about the show. Estimated traffic includes visitors from over 70 countries for a television program with over 2 million viewers.